Bookcase #114. STATION LIBRARY COPY 7E

118.

PRODUCTION OF LOGS IN OREGON AND WASHINGTON 1925 - 1948

FOREST SURVEY REPORT NO. 101

SOU. FOREST EXPT. STATION
NEW ORLEANS, LA.
RECEIVED
MAY 8 - 1950
A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

U. S. DEPARTMENT OF AGRICULTURE · FOREST SERVICE
PACIFIC NORTHWEST FOREST AND RANGE EXPERIMENT STATION
J. A. HALL, DIRECTOR

DIVISION OF FOREST ECONOMICS
PORTLAND, OREGON

APRIL 1950

U. S. DEPARTMENT OF AGRICULTURE
PACIFIC NORTHWEST FOREST AND RANGE
EXPERIMENT STATION
P.O. BOX 245
BERKELEY 1, CALIFORNIA
Check No. 3 of 5

PNW

233

FOREST SURVEY
REPORTS

SV
563
483
11

SD11
A452
nos.101-115

T6 M4510

U.S.D.A.

INSTRUCTIONS TO BINDER

See first slip for DIRECTIONS

Changes in title are noted above

LF-616
(Rev. 4-62)

PRODUCTION OF LOGS IN OREGON AND WASHINGTON, 1925-48

By

F. L. Moravets
Pacific Northwest Forest and Range Experiment Station

In the States of Oregon and Washington the vast bulk of the volume of timber harvested annually from the forests is in the form of logs. In 1948, logs comprised approximately 96 percent of the total of 13 billion board feet of timber cut. The term "logs" is no longer synonymous with "sawlogs" as was true in the earlier years of forest utilization in the region. Now forest industries other than sawmills--plywood and veneer plants, pulp plants, shingle mills, and cooperage plants--obtain nearly all of their raw wood material from logs and draw heavily on the total volume produced. Quite obviously, production statistics for such an important forest product are of widespread interest. It is the purpose of this report, therefore, to present available statistics in as much detail as possible.

Early records of annual log production in Oregon and Washington were only fragmentary and were largely estimates based on lumber-production statistics. In 1925 the Forest Service began to compile annual log-production statistics by species and by county unit. This compilation of annual production was continued through 1948 with the exception of one year, 1944. However, the source of the data used in the compilation over the 24-year period has varied. Each year during the period 1925-43 and in 1945, a questionnaire, Form S-Stumpage and Log Transactions, was mailed to all known log producers in the two States. This form was mailed in conjunction with a census of lumber production conducted cooperatively by the Bureau of the Census, U. S. Department of Commerce, and the Forest Service. The mail canvass of log production was supplemented by a field follow-up of all nonrespondents. For each odd year during the period 1925-39, information on total log production was obtained from a census of manufactures, "Logs, Lumber, and Other Timber Products" conducted by the Bureau of the Census and Forest Service. This information provided a check on log-production statistics obtained from Form S.

Statistics for Washington in 1946 and 1948 and for Oregon in 1946, were based on production data obtained in a mail canvass conducted by the Forest Service alone, supplemented by field follow-up

Table 1.--Log production in western Oregon--Douglas-fir subregion--by county and year, 1925-43 incl., 1945-48 incl.*

(Thousands of board feet, log scale)

Year	Total western Oregon	Benton	Clackamas	Clatsop	Columbia	Coos	Curry	Douglas	Hood River	Jackson
1925	2,874,785	70,945	78,155	502,920	518,600	326,650	3,980	58,030	4/ 82,240	61,615
1926	2,907,395	54,890	107,575	572,380	499,900	308,215	4,765	81,330	26,190	67,395
1927	2,998,395	60,915	154,230	513,815	527,130	291,640	4,000	105,805	4/ 60,250	56,165
1928	3,099,735	72,390	152,715	555,025	491,615	298,580	4,750	72,525	4/ 63,065	81,785
1929	3,465,255	93,210	170,070	546,895	490,805	338,225	4,685	129,580	4/ 66,355	93,840
1930	2,208,380	70,383	144,940	375,660	314,630	138,330	1,095	66,392	4/ 49,320	74,135
1931	1,581,214	71,700	91,853	205,927	256,951	97,137	195	25,391	4/ 42,305	43,948
1932	1,069,737	1/ 109,730	47,420	2/ 385,725	2/	56,285	1,395	24,617	15,520	19,920
1933	1,574,535	1/ 106,870	97,522	2/ 503,404	2/	105,931	1,399	44,221	21,961	38,782
1934	2,005,186	63,498	122,027	214,663	160,377	369,190	10,881	84,826	24,120	32,851
1935	2,255,086	86,566	127,468	280,995	174,360	214,120	17,181	118,581	28,334	47,537
1936	2,862,735	83,266	167,379	2/ 584,772	2/	248,128	38,033	146,918	4/ 82,369	79,847
1937	3,375,430	116,746	143,941	530,033	153,969	565,956	33,583	127,296	43,467	115,134
1938	2,752,602	105,726	94,124	449,125	164,192	275,965	37,639	140,768	35,405	86,372
1939	3,349,415	99,814	115,439	451,516	162,920	332,084	74,686	178,921	4/ 81,602	127,067
1940	3,879,620	100,476	219,280	2/ 675,194	2/	398,408	49,103	246,148	62,438	128,847
1941	5,265,210	161,154	317,186	517,515	198,511	561,767	66,705	349,294	4/ 77,455	310,355
1942	5,236,370	172,411	348,417	311,834	172,580	450,835	50,115	410,625	54,379	282,034
1943	5,555,502	189,926	313,633	2/ 363,895	2/	423,132	54,045	511,351	55,302	341,199
1945	4,832,896	104,360	262,182	214,589	77,130	289,950	25,800	517,999	40,572	290,565
1946	5,434,722	188,988	283,086	201,662	54,143	422,722	22,320	718,052	50,255	339,597
1947	6,634,424	210,300	441,031	239,446	71,709	560,623	50,332	857,214	41,000	409,179
1948	7,203,652	209,482	422,019	209,125	69,876	530,356	121,247	1,134,439	57,357	590,596

Year	Josephine	Lane	Lincoln	Linn	Marion	Multnomah	Polk	Tillamook	Washington	Yamhill
1925	4,210	261,095	175,170	33,885	119,630	4/	142,175	159,090	168,830	107,565
1926	7,945	290,990	143,815	39,245	121,290	57,600	143,350	118,350	151,695	110,475
1927	7,570	328,330	138,085	52,530	117,680	4/	152,245	137,065	172,535	118,405
1928	10,680	324,815	130,815	62,350	129,295	4/	196,810	150,510	166,295	135,715
1929	18,845	453,040	138,735	65,590	129,630	4/	212,820	241,870	152,270	118,790
1930	13,110	299,305	72,830	37,325	104,990	4/	145,980	141,940	99,780	58,235
1931	10,805	206,724	42,694	42,371	69,451	4/	105,026	190,159	59,568	19,009
1932	3,775	160,425	3/	16,580	55,230	15,675	1/	3/ 83,340	38,690	35,410
1933	15,639	222,871	75,988	49,456	61,681	26,091	1/	51,664	117,189	33,866
1934	20,142	225,951	101,678	79,407	99,700	42,690	78,499	131,950	102,731	40,005
1935	24,182	316,682	115,264	79,493	91,654	29,806	90,183	217,727	147,611	47,342
1936	32,519	416,683	132,358	115,823	101,101	4/	144,866	197,876	250,098	40,699
1937	35,036	447,651	150,924	170,178	90,961	24,562	148,205	282,298	159,298	36,192
1938	21,050	403,134	100,269	112,396	58,556	16,818	163,861	322,842	116,730	47,628
1939	14,776	575,369	226,792	178,198	68,408	4/	196,256	224,203	196,798	44,566
1940	24,963	614,257	231,745	292,100	83,292	38,298	155,437	353,016	146,732	59,886
1941	55,581	733,429	260,271	492,857	130,182	4/	320,530	403,757	198,400	110,261
1942	107,069	801,898	316,459	577,930	182,591	2,255	257,032	462,131	204,963	70,812
1943	131,071	959,929	360,594	728,652	128,071	2,606	293,986	425,771	178,583	93,756
1945	131,695	1,089,159	268,130	768,935	127,045	6,172	238,715	197,235	106,493	76,170
1946	163,697	1,074,064	377,611	650,904	88,879	2,178	267,950	303,926	113,529	111,159
1947	197,385	1,214,083	401,876	761,208	137,245	15,373	304,035	419,778	134,836	167,771
1948	251,692	1,247,227	468,404	670,678	158,744	8,083	253,545	520,373	130,340	150,069

* Production for years 1925 to 1943 inclusive, and 1945, collected by Forest Service, U.S. Dept. of Agriculture in cooperation with Bureau of the Census, U.S. Dept. of Commerce. Production for 1946 collected by U.S. Forest Service. Production for 1947 and 1948 based on statistics compiled by State Forester, Oregon State Board of Forestry, U.S. Forest Service, and Indian Service, U.S. Dept. of the Interior.
Production statistics for 1944 not available.
The following combinations of county figures were necessary to avoid disclosing production of individual operations:

1/ Benton and Polk - 1932 and 1933.
2/ Clatsop and Columbia - 1932, 1933, 1936, 1940, and 1943.
3/ Lincoln and Tillamook - 1932.
4/ Hood River and Multnomah - 1925, 1927 to 1931 incl., 1936, 1939, and 1941.

Table 2.--Log production in eastern Oregon--ponderosa pine subregion--by county and year, 1925-43 incl., 1945-48 incl.*

(Thousands of board feet, log scale)

Year	Total eastern Oregon	Baker	Crook	Deschutes	Grant	Harney	Jefferson	Klamath
1925	957,469	54,955	1/	1/ 342,075	22,250	1,000	5/	379,427
1926	970,443	57,685	1/	1/ 310,475	29,335	775	5/	405,310
1927	756,751	40,125	1/	1/ 235,901	19,960	820	5/	344,645
1928	903,555	26,885	1/	1/ 292,170	20,710	915	5/	453,270
1929	1,064,560	27,330	1/	1/ 317,650	29,740	1,230	5/	511,900
1930	868,225	33,095	1/	1/ 227,150	63,725	3,825	5/	414,850
1931	676,020	32,690	1/	1/ 160,600	51,660	5,460	5/	346,770
1932	393,275	26,125	1/	1/ 85,750	41,715	620	5/	183,730
1933	631,820	46,675	1/	1/ 137,680	46,950	380	5/	284,660
1934	616,615	36,655	1/	1/ 136,240	39,380	345	5/	297,615
1935	1,014,940	48,145	1/	1/ 158,309	107,620	2,760	6,630	463,065
1936	1,213,086	53,825	4,855	180,080	123,730	530	13,400	575,985
1937	1,327,035	48,843	12,150	208,292	2/ 148,025	2/	21,895	614,885
1938	1,027,037	22,339	38,750	187,530	2/ 77,273	2/	5/	432,255
1939	1,475,319	47,458	77,959	197,221	2/ 165,785	2/	5/	599,810
1940	1,479,080	42,531	87,845	241,168	2/ 153,777	2/	5/	633,894
1941	1,598,926	69,070	101,960	183,806	2/ 145,784	2/	5/	604,076
1942	1,693,793	44,487	98,500	232,088	2/ 132,900	2/	5/	691,812
1943	1,491,042	67,618	56,335	187,610	130,126	964	33,600	512,460
1945	1,070,181	26,317	74,687	124,984	135,528	1,589	7,700	446,509
1946	1,254,815	33,616	1/	1/ 181,874	3/ 176,311	3,585	51,193	404,186
1947	1,266,071	30,155	79,490	13,663	169,497	28,303	159,456	377,469
1948	1,190,976	26,462	91,516	44,783	176,149	48,410	128,056	320,305

Year	Lake	Malheur	Morrow	Umatilla	Union	Wallowa	Wasco	Wheeler
1925	4,740	350	4/	4/ 12,765	26,240	112,015	5/ 922	730
1926	9,550	250	4/	4/ 1,060	57,400	96,403	5/ 1,615	585
1927	11,240	--	4/	4/ 720	41,950	59,445	5/ 1,135	810
1928	20,065	--	4/	4/ 1,065	49,135	32,965	5/ 1,420	4,955
1929	28,560	200	4/	4/ 7,895	72,740	43,430	5/ 930	22,955
1930	13,425	--	4/	4/ 9,140	39,475	38,050	5/ 1,505	23,985
1931	7,400	--	4/	4/ 12,425	21,930	11,665	5/ 1,325	24,095
1932	19,000	150	4/	4/ 3,335	6/	6/ 11,710	5/ 1,285	19,855
1933	48,365	250	800	2,885	23,755	7,205	5/ 10,385	21,830
1934	46,705	1,150	4/	4/ 6,490	12,860	6,030	5/ 12,775	20,370
1935	121,391	650	4/	4/ 9,775	42,850	16,205	5,720	31,820
1936	128,215	2,325	2,660	9,450	54,436	22,500	9,530	31,565
1937	130,440	2,740	4/	4/ 13,779	43,930	36,432	7,958	37,666
1938	131,540	2,100	4,485	16,230	52,824	22,745	5/ 8,616	30,350
1939	197,733	2,100	6,621	14,819	46,210	39,410	5/ 41,009	39,184
1940	120,962	3,000	10,716	26,676	42,304	33,067	5/ 41,103	42,037
1941	257,594	1,170	14,560	32,770	53,070	42,840	5/ 14,428	77,798
1942	196,700	--	30,298	49,325	64,095	47,010	5/ 24,398	82,180
1943	268,558	--	26,450	60,142	39,845	33,859	7,935	65,540
1945	67,665	--	10,869	37,723	26,753	34,480	23,377	52,000
1946	127,774	3/	38,620	59,351	43,366	43,116	14,463	47,360
1947	89,254	960	23,607	44,725	39,804	60,072	83,976	65,640
1948	84,058	300	34,455	48,294	25,724	67,449	67,250	27,765

*Production for years 1925 to 1943 inclusive, and 1945, collected by Forest Service, U.S. Dept. of Agriculture in cooperation with Bureau of the Census, U.S. Dept. of Commerce. Production for 1946 collected by U.S. Forest Service. Production for 1947 and 1948 based on statistics compiled by State Forester, Oregon State Board of Forestry, U.S. Forest Service, and Indian Service, U.S. Dept. of Interior. Production statistics for 1944 not available.

The following combinations of county figures were necessary to avoid disclosing production of individual operations:

1/ Crook and Deschutes - 1925 to 1935 incl., 1946.
2/ Grant and Harney - 1937 to 1942 incl.
3/ Grant and Malheur - 1946.
4/ Morrow and Umatilla - 1925 to 1932, 1934, 1935, 1937.
5/ Wasco and Jefferson - 1925 to 1934 incl., 1938 to 1942 incl.
6/ Union and Wallowa - 1932.

Table 3.--Log production in western Washington--Douglas-fir subregion--by county and year, 1925-43 incl., 1945, 1946 and 1948*

(Thousands of board feet, log scale)

Year	Total western Washington	Clallam	Clark	Cowlitz	Grays Harbor	Island	Jefferson	King	Kitsap	Lewis
1925	5,965,724	322,594	41,435	298,934	1,619,651	1/ 1,605	94,461	677,363	69,526	468,980
1926	5,921,224	373,650	62,775	448,300	1,587,609	1/ 1,150	105,655	623,044	83,200	408,818
1927	6,374,402	483,308	59,070	463,472	1,714,499	1/ 2,325	155,725	632,913	109,966	459,788
1928	6,677,244	580,071	59,635	453,275	1,574,477	1/ 1,923	149,714	638,265	195,317	475,680
1929	6,828,697	655,357	67,420	487,259	1,731,144	1/ 2,452	199,550	602,130	133,216	469,614
1930	4,339,661	484,127	22,885	567,210	857,775	1/ 1,010	80,700	368,665	116,478	360,800
1931	3,231,157	339,212	1,963	465,292	576,049	1/ 1,566	84,571	239,467	115,355	307,134
1932	2,042,366	206,231	3,720	376,455	374,075	1/ 685	73,670	109,265	91,600	87,805
1933	3,194,327	370,507	15,157	533,552	527,014	1/ 1,916	57,197	185,348	124,718	226,900
1934	3,375,485	346,416	23,664	430,590	670,239	1/ 13,608	72,734	211,016	102,086	249,514
1935	3,352,198	327,354	18,586	426,073	433,228	1,060	55,585	249,106	102,823	444,239
1936	4,620,331	436,903	28,693	492,817	746,144	1/ 60	48,722	423,358	97,347	796,877
1937	4,660,728	450,634	28,706	453,700	699,346	2,218	101,952	318,673	40,857	863,038
1938	3,036,869	214,412	7,347	381,017	351,876	995	25,358	243,445	100,230	677,145
1939	4,024,835	181,241	6,931	312,991	488,231	1/ 1,041	73,114	314,875	33,773	1,051,136
1940	4,520,408	382,178	12,591	284,562	537,979	1/ 1,189	34,784	335,873	20,672	1,132,118
1941	4,649,481	396,679	18,218	296,404	571,252	1/ 1,732	59,050	272,519	11,398	1,340,748
1942	4,419,359	336,467	12,425	198,992	414,330	1/ 2,992	54,757	303,980	11,780	1,381,360
1943	4,154,998	269,110	35,087	326,130	380,078	1/ 2,059	95,006	326,345	16,314	973,349
1945	2,979,289	234,388	19,458	217,729	296,177	3,591	35,524	284,103	8,279	629,094
1946	3,362,701	234,616	37,065	196,147	420,935	5,237	47,231	243,296	10,147	715,795
1948	3,514,002	334,909	21,989	215,314	378,853	7,892	123,111	218,056	12,195	675,097

Year	Mason	Pacific	Pierce	San Juan	Skagit	Skamania	Snohomish	Thurston	Wahkiakum	Whatcom
1925	201,620	279,451	455,065	1/	411,380	25,860	611,509	166,110	78,465	141,715
1926	214,147	2/ 419,526	456,120	1/	372,827	29,415	474,068	141,320	2/	119,600
1927	309,986	258,221	465,260	1/	388,844	22,115	373,290	229,870	113,925	131,825
1928	510,364	279,439	459,460	1/	427,191	27,120	355,328	247,505	138,000	104,480
1929	505,338	323,108	450,000	1/	331,224	34,170	304,835	291,565	135,140	105,175
1930	223,935	2/ 284,135	401,170	1/	71,660	22,945	156,290	276,596	2/	43,280
1931	148,398	2/ 247,662	245,139	1/	109,498	22,460	80,088	209,083	2/	38,220
1932	76,157	2/ 197,215	156,355	1/	44,143	14,040	84,025	130,280	2/	16,645
1933	67,888	245,826	227,633	1/	42,334	17,410	260,919	165,227	76,506	48,275
1934	103,077	181,473	243,828	1/	133,583	14,576	213,080	240,966	65,905	59,130
1935	135,770	241,590	247,326	--	150,263	18,946	174,954	199,168	65,604	60,523
1936	176,723	275,749	288,683	1/	225,574	25,733	174,115	189,299	97,928	95,606
1937	192,374	2/ 381,886	423,167	--	251,813	38,199	214,911	114,565	2/	84,689
1938	122,279	2/ 214,054	252,258	--	93,791	33,324	142,140	148,822	2/	28,376
1939	242,319	2/ 388,934	298,379	1/	221,571	56,714	195,273	50,624	2/	107,688
1940	205,907	2/ 465,134	337,252	1/	288,878	42,565	234,121	60,425	2/	144,180
1941	174,689	323,000	371,616	1/	296,950	64,195	184,530	31,332	78,058	157,111
1942	166,074	405,495	268,642	1/	309,108	69,472	177,613	25,409	87,603	192,860
1943	149,218	2/ 482,995	300,622	1/	260,130	77,081	212,430	29,746	2/	219,298
1945	96,126	2/ 347,280	157,920	--	211,323	86,825	167,206	60,919	2/	123,347
1946	139,432	435,107	177,341	4,414	171,816	89,909	151,676	85,066	66,486	130,985
1948	31,262	538,271	180,310	820	122,013	212,461	141,089	97,867	53,580	148,913

*Production for years 1925 to 1943 inclusive, and 1945, collected by Forest Service, U.S. Dept. of Agriculture, in cooperation with Bureau of the Census, U.S. Dept. of Commerce. Production for 1946 and 1948 collected by U.S. Forest Service.
Production statistics for 1944 and 1947 not available.

The following combinations of county figures were necessary to avoid disclosing production of individual operations:

1/ Island and San Juan - 1925 to 1934 incl., 1936, 1939 to 1943 incl. Presence of footnote reference indicates year in which there was production.

2/ Pacific and Wahkiakum - 1926, 1930 to 1932 incl., 1937 to 1940 incl., 1943 and 1945.

Table 4.--Log production in eastern Washington--ponderosa pine subregion--by county and year, 1925-43 incl., 1945, 1946 and 1948*

(Thousands of board feet, log scale)

Year	Total eastern Washington	Asotin	Chelan	Columbia	Ferry	Garfield	Kittitas	Klickitat
1925	467,843	1/	68,235	1/ 4,465	28,720	--	74,830	57,275
1926	509,295	1/	52,280	1/ 4,200	32,900	--	73,020	67,525
1927	425,056	1/	35,110	1/ 3,300	20,245	--	45,685	48,235
1928	467,331	1/	29,855	1/ 4,640	25,415	--	77,210	54,975
1929	555,509	1/	35,600	1/ 6,700	39,184	--	81,600	83,513
1930	416,905	1/	27,815	1/ 2,035	30,215	--	75,345	42,295
1931	345,315	1/	37,855	1/ 1,700	20,235	--	71,770	41,465
1932	219,945	--	30,985	1/ 1,000	13,690	--	55,405	32,205
1933	298,700	1/	38,390	1/ 2,545	21,095	--	54,115	41,110
1934	308,785	1/	39,705	1/ 4,220	27,340	--	44,530	42,580
1935	358,380	1/	42,720	1/ 6,400	21,975	--	58,990	55,935
1936	405,340	1/	39,730	1/ 4,530	11,320	1/	61,605	73,725
1937	445,562	1/	45,357	1/ 7,540	17,811	--	55,522	74,586
1938	346,586	--	44,644	1/ 3,310	17,793	1/	29,420	54,162
1939	415,949	1/	45,124	1/ 6,597	21,963	1/	47,614	68,904
1940	463,441	1/	48,903	1/ 6,251	29,738	1/	46,660	94,640
1941	494,535	--	64,079	1/ 5,759	14,256	1/	63,306	103,844
1942	510,110	1/	61,771	1/ 4,455	34,771	--	68,971	101,988
1943	478,247	1/	51,680	1/ 2,610	21,804	1/	82,508	87,286
1945	404,524	1/	45,652	1/ 3,243	24,859	--	40,515	97,063
1946	466,229	1/	41,935	1/ 2,858	12,149	1/	56,904	128,684
1948	598,467	1/	39,990	1/ 8,003	44,082	1/	51,338	80,479

Year	Lincoln	Okanogan	Pend Oreille	Spokane	Stevens	Walla Walla	Whitman	Yakima
1925	2/	40,015	46,814	2/ 67,957	76,812	--	--	2,720
1926	2/	46,210	61,370	2/ 74,768	95,222	--	--	1,800
1927	2/	47,550	68,710	2/ 62,775	88,046	--	--	5,400
1928	2/	64,895	63,288	2/ 52,694	91,559	--	--	2,800
1929	2/	79,700	61,678	2/ 66,295	96,939	--	1/	4,300
1930	2/	59,205	66,125	2/ 44,145	67,775	--	1/	1,950
1931	2/	54,685	45,890	2/ 30,135	39,230	--	--	2,350
1932	--	35,835	21,825	12,785	14,015	--	--	2,200
1933	--	56,975	39,820	22,650	19,460	--	--	2,540
1934	2/	47,630	31,085	2/ 34,600	30,385	--	1/	6,710
1935	2/	66,185	29,735	2/ 24,045	35,965	--	--	16,430
1936	2/	69,055	37,030	2/ 28,330	55,175	--	--	24,840
1937	2/	81,842	54,287	2/ 27,017	52,783	--	--	28,817
1938	2/	64,532	38,614	2/ 24,125	43,101	--	--	26,885
1939	2/	76,925	48,558	2/ 17,536	49,022	--	--	33,706
1940	--	94,824	37,816	7,785	46,152	1/	--	50,672
1941	--	110,426	20,690	16,817	56,534	1/	--	38,824
1942	--	117,726	26,431	12,521	45,801	1/	--	35,675
1943	--	98,980	33,281	5,159	48,641	--	--	46,298
1945	--	68,715	19,522	11,847	38,803	--	--	54,305
1946	2/	71,443	19,108	2/ 12,484	82,585	1/	--	38,079
1948	2/	84,998	59,463	2/ 20,662	130,127	1/	1/	79,325

*Production for years 1925 to 1943 inclusive, and 1945, collected by Forest Service, U.S. Dept. of Agriculture, in cooperation with Bureau of the Census, U.S. Dept. of Commerce. Production for 1946 and 1948 collected by U.S. Forest Service. Production statistics for 1944 and 1947 not available.

The following combinations of county figures were necessary to avoid disclosing production of individual operations:

1/ Asotin, Columbia, Garfield, Walla Walla, and Whitman, 1925 to 1948 incl. Presence of footnote reference indicates year in which there was production.

2/ Spokane and Lincoln - 1925 to 1931 incl., 1934 to 1939 incl. 1946 and 1948.

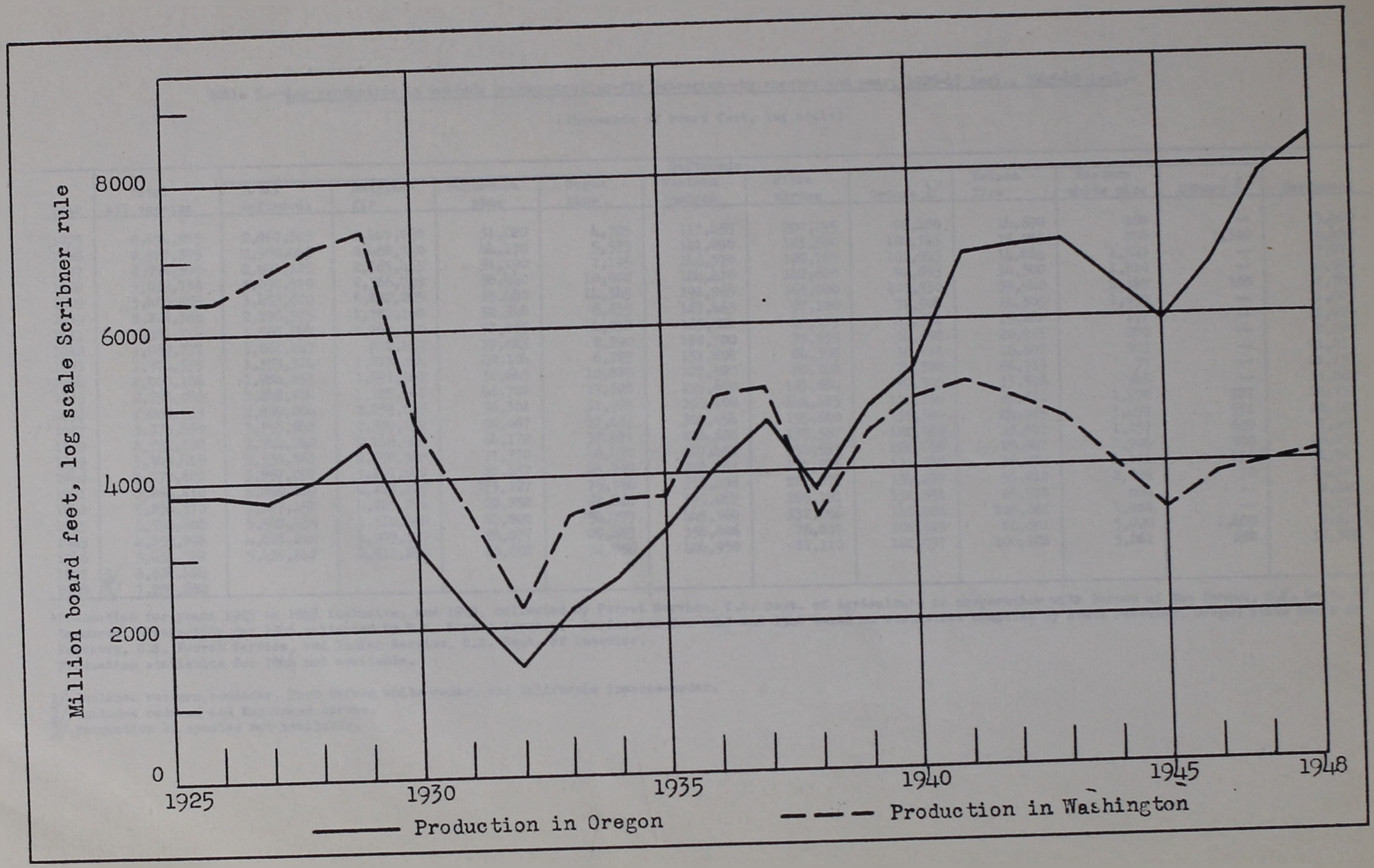

Figure 1.--Production of logs in Oregon and Washington, 1925-48

Table 5.--Log production in western Oregon--Douglas-fir subregion--by species and year, 1925-43 incl., 1945-48 incl.*

(Thousands of board feet, log scale)

Year	Total all species	Softwoods										Hardwoods
		Total softwoods	Douglas-fir	Ponderosa pine	Sugar pine	Western hemlock	Sitka spruce	Cedars 1/	Balsam firs	Western white pine	Others 2/	
1925	2,874,785	2,869,385	2,407,260	31,620	4,725	117,455	200,195	92,480	14,690	960	--	5,400
1926	2,907,395	2,900,945	2,462,740	44,170	5,535	141,290	123,380	102,745	19,085	700	1,300	6,450
1927	2,998,395	2,991,125	2,565,455	31,190	7,195	146,370	122,765	101,945	14,865	1,340	--	7,270
1928	3,099,735	3,090,910	2,566,745	58,440	10,000	184,410	142,620	92,885	34,300	1,510	--	8,825
1929	3,465,255	3,453,670	2,872,225	65,480	14,345	191,965	163,900	103,530	39,940	2,185	100	11,585
1930	2,208,380	2,196,575	1,787,152	52,340	6,635	163,465	97,120	72,508	16,305	1,050	--	11,805
1931	1,581,214	1,568,294	1,249,180	37,835	4,832	165,521	47,905	47,542	15,282	197	--	12,920
1932	1,069,737	1,061,047	812,455	19,645	2,390	130,700	39,930	34,692	20,955	280	--	8,690
1933	1,574,535	1,553,324	1,218,254	40,104	6,123	151,208	84,309	36,116	16,307	903	--	21,211
1934	2,005,186	1,984,033	1,591,583	32,645	10,875	127,520	80,140	74,320	66,913	37	--	21,153
1935	2,255,086	2,243,224	1,725,561	46,702	17,628	195,690	123,684	99,505	33,506	948	--	11,862
1936	2,862,735	2,839,004	2,233,047	56,301	31,925	196,100	144,185	111,769	63,670	1,470	537	23,731
1937	3,375,430	3,353,248	2,599,552	96,067	37,653	304,054	155,600	131,329	24,965	3,497	531	22,182
1938	2,752,602	2,744,742	2,146,946	64,172	32,671	226,628	135,567	122,960	13,891	1,257	650	7,860
1939	3,349,415	3,338,561	2,692,502	77,370	46,430	207,423	150,333	128,850	25,947	8,906	800	10,854
1940	3,879,620	3,857,097	3,107,042	78,457	45,939	276,767	177,286	131,030	36,039	4,101	436	22,523
1941	5,265,210	5,250,889	4,248,025	173,127	75,356	334,498	227,078	134,297	55,912	2,526	70	14,321
1942	5,236,370	5,227,152	4,225,736	82,852	60,863	393,267	265,191	132,631	65,978	634	--	9,218
1943	5,555,502	5,547,450	4,510,092	81,802	54,777	445,160	232,066	115,926	105,661	1,966	--	8,052
1945	4,832,896	4,823,220	4,099,119	58,977	29,483	358,806	76,830	108,019	86,601	3,900	1,485	9,676
1946	5,434,722	5,419,342	4,611,296	60,052	52,956	404,950	81,110	102,937	100,148	5,261	632	15,380
1947	3/ 6,634,424											
1948	3/ 7,203,652											

*Production for years 1925 to 1943 inclusive, and 1945, collected by Forest Service, U.S. Dept. of Agriculture in cooperation with Bureau of the Census, U.S. Dept. of Commerce. Production for 1946 collected by U.S. Forest Service. Production for 1947 and 1948 based on statistics compiled by State Forester, Oregon State Board of Forestry, U.S. Forest Service, and Indian Service, U.S. Dept. of Interior.
Production statistics for 1944 not available.

1/ Includes western redcedar, Port Orford white-cedar, and California incense-cedar.
2/ Includes redwood and Engelmann spruce.
3/ Production by species not available.

Table 6.--Log production in eastern Oregon--ponderosa pine subregion--by species and year, 1925-43 incl., 1945-48 incl.*

(Thousands of board feet, log scale)

Year	Total all species	Softwoods										Hardwoods
		Total softwoods	Ponderosa pine	Douglas-fir	Sugar pine	Cedars 1/	Balsam firs	Western white pine	Western larch	Engelmann spruce	Others 2/	
1925	957,469	957,469	916,114	22,625	925	--	1,375	--	16,430	--	--	--
1926	970,443	970,443	917,660	31,863	760	--	3,665	--	16,495	--	--	--
1927	756,751	756,751	735,586	9,945	--	40	2,285	--	8,895	--	--	--
1928	903,555	903,555	868,070	19,830	5,400	150	4,605	--	5,500	--	--	--
1929	1,064,560	1,064,560	1,014,570	25,715	2,550	200	10,895	--	10,630	--	--	--
1930	868,225	868,225	827,260	29,600	1,000	215	1,775	140	8,180	55	--	--
1931	676,020	676,020	659,365	13,725	475	1,050	1,145	60	200	--	--	--
1932	393,275	393,275	385,495	5,655	430	1,235	195	--	265	--	--	--
1933	631,820	631,820	620,660	7,600	1,500	240	790	--	910	120	--	--
1934	616,615	616,615	598,860	10,455	5,400	905	110	--	655	230	--	--
1935	1,014,940	1,014,940	982,200	14,980	13,400	1,550	1,555	--	1,175	80	--	--
1936	1,213,086	1,213,086	1,161,191	18,470	26,680	460	85	1,720	4,340	140	--	--
1937	1,327,035	1,327,035	1,286,111	16,609	13,265	85	5,028	960	2,183	380	2,414	--
1938	1,027,037	1,027,037	980,633	11,575	26,209	294	1,930	1,600	2,527	639	1,630	--
1939	1,475,319	1,475,319	1,431,516	17,272	17,550	937	3,007	1,494	919	483	2,139	--
1940	1,479,080	1,479,080	1,439,087	23,647	3,775	235	5,386	1,639	3,903	585	823	--
1941	1,598,926	1,598,926	1,527,340	33,054	22,578	300	8,143	1,404	3,281	666	2,160	--
1942	1,693,793	1,693,793	1,583,820	68,994	18,988	70	9,268	190	11,115	185	1,163	--
1943	1,491,042	1,491,042	1,407,301	57,265	9,827	129	7,976	105	7,097	142	1,200	--
1945	1,070,181	1,070,181	963,158	49,120	12,730	15	34,117	436	7,091	768	2,746	--
1946	1,254,815	1,254,815	1,097,385	76,255	2,615	128	59,600	66	14,148	1,978	2,640	--
1947	3/ 1,266,071											
1948	3/ 1,190,976											

* Production for years 1925 to 1943 inclusive, and 1945, collected by Forest Service, U.S. Dept. of Agriculture in cooperation with Bureau of the Census, U.S. Dept. of Commerce. Production for 1946 collected by U.S. Forest Service. Production for 1947 and 1948 based on statistics compiled by State Forester, Oregon State Board of Forestry, U.S. Forest Service, and Indian Service, U.S. Dept. of Interior.
Production statistics for 1944 not available.

1/ California Incense-cedar.
2/ Nearly all lodgepole pine; small volume of western hemlock.
3/ Production by species not available.

Table 7.--Log production in western Washington--Douglas-fir subregion--by species and year, 1925-43 incl., 1945, 1946 and 1948*

(Thousands of board feet, log scale)

Year	Total all species	Softwoods								Hardwoods
		Total softwoods	Douglas-fir	Western hemlock	Sitka spruce	Cedars 1/	Balsam firs	Western white pine	Others 2/	
1925	5,965,724	5,959,174	4,057,710	930,928	229,628	708,450	29,585	2,873	--	6,550
1926	5,921,224	5,913,829	4,006,709	971,407	215,789	685,653	31,550	2,721	--	7,395
1927	6,374,402	6,365,442	4,299,778	1,128,590	200,097	698,005	35,610	3,362	--	8,960
1928	6,677,244	6,665,438	4,522,596	1,161,042	217,693	722,683	37,450	3,974	--	11,806
1929	6,828,697	6,809,807	4,678,673	1,122,607	234,028	730,984	38,940	4,575	--	18,890
1930	4,339,661	4,331,481	3,063,954	830,665	93,890	327,707	13,225	2,040	--	8,180
1931	3,231,157	3,221,904	2,272,007	625,448	90,684	218,970	10,062	4,733	--	9,253
1932	2,042,366	2,037,451	1,509,746	303,220	74,165	148,285	685	1,350	--	4,915
1933	3,194,327	3,179,777	2,251,518	527,663	106,110	282,684	9,606	2,196	--	14,550
1934	3,375,485	3,350,964	2,186,409	728,021	124,059	296,596	12,041	3,838	--	24,521
1935	3,352,198	3,326,263	2,345,068	551,304	115,876	301,975	9,510	2,530	--	25,935
1936	4,620,331	4,591,391	3,035,154	941,890	151,899	446,738	10,734	4,976	--	28,940
1937	4,660,728	4,631,888	3,088,801	947,071	153,857	425,277	10,657	6,225	--	28,840
1938	3,036,869	3,019,978	2,038,420	477,397	95,700	393,258	10,616	4,587	--	16,891
1939	4,024,835	4,006,744	2,682,835	776,332	89,690	411,596	38,406	7,885	--	18,091
1940	4,520,408	4,498,756	2,760,451	1,086,791	130,786	447,717	63,895	9,116	--	21,652
1941	4,649,481	4,629,785	2,948,167	1,028,073	149,558	456,565	40,333	7,089	--	19,696
1942	4,419,359	4,408,573	2,691,683	1,119,023	164,289	362,106	65,252	6,220	--	10,786
1943	4,154,998	4,143,907	2,516,030	1,069,140	167,957	307,120	76,643	7,017	--	11,091
1945	2,979,289	2,965,337	1,620,556	873,992	112,549	243,267	101,850	7,892	5,231	13,952
1946	3,362,701	3,340,179	1,692,178	1,060,590	159,246	303,567	116,982	7,110	506	22,522
1948	3,514,002	3,488,491	1,519,591	1,252,890	131,114	360,324	218,994	4,322	1,256	25,511

*Production for years 1925 to 1943 inclusive, and 1945, collected by Forest Service, U.S. Dept. of Agriculture, in cooperation with Bureau of the Census, U.S. Dept. of Commerce. Production for 1946 and 1948 collected by U. S. Forest Service.

Production statistics for 1944 and 1947 not available.

1/ Nearly all western redcedar, small volume of Alaska yellow-cedar.

2/ Ponderosa pine and Engelmann spruce.

Table 8.--Log production in eastern Washington--ponderosa pine subregion--by species and year, 1925-43 incl., 1945, 1946 and 1948*

(Thousands of board feet, log scale)

Year	Total all species	Softwoods									Hardwoods
		Total softwoods	Ponderosa pine	Douglas-fir	Cedars 1/	True firs	Western white pine	Western larch	Engelmann spruce	Others 2/	
1925	467,843	467,840	336,758	67,293	2,278	5,352	33,342	17,120	4,191	1,506	3
1926	509,295	509,235	370,339	75,639	1,118	7,026	34,482	18,095	972	1,564	60
1927	425,056	425,053	285,352	57,462	1,879	9,419	42,701	26,054	1,657	529	3
1928	467,331	467,328	322,434	70,712	1,892	5,739	33,808	20,111	6,953	5,679	3
1929	555,509	555,476	393,404	84,458	1,705	23,759	25,807	20,800	3,521	2,022	33
1930	416,905	416,885	278,245	62,105	3,485	9,165	35,385	19,135	9,215	150	20
1931	345,315	345,310	248,455	34,285	1,630	12,260	31,420	16,625	475	160	5
1932	219,945	219,940	173,655	21,505	510	1,500	18,320	3,440	870	140	5
1933	298,700	298,685	212,515	33,900	3,090	4,485	37,160	5,230	1,365	940	15
1934	308,785	308,620	210,700	47,195	1,695	4,145	30,740	6,120	7,625	400	165
1935	358,380	358,380	248,925	66,280	1,855	4,900	15,410	13,985	5,385	1,640	--
1936	405,340	405,290	261,890	33,245	905	2,015	94,185	10,955	1,490	605	50
1937	445,562	444,762	285,626	103,835	2,235	9,919	26,526	15,649	266	706	800
1938	346,586	344,583	229,204	68,189	2,190	5,626	25,914	11,707	478	1,275	2,003
1939	415,949	415,816	274,714	81,018	2,749	7,425	33,490	15,634	50	736	133
1940	463,441	463,441	322,506	86,554	1,331	7,615	29,415	15,263	129	628	--
1941	494,535	494,260	329,009	109,409	2,514	9,946	24,262	15,221	1,374	2,525	275
1942	510,110	509,990	345,277	113,655	2,376	12,913	17,799	13,521	1,536	2,913	120
1943	478,247	478,247	311,396	107,586	1,608	10,388	24,540	15,044	1,291	6,394	--
1945	404,524	404,508	250,904	120,095	735	8,831	5,965	14,310	637	3,031	16
1946	466,229	466,219	256,295	154,738	1,317	11,757	6,011	30,261	257	5,583	10
1948	598,467	598,225	318,918	152,324	8,019	21,270	27,057	55,467	4,774	10,396	242

*Production for years 1925 to 1943 inclusive, and 1945, collected by Forest Service, U.S. Dept. of Agriculture, in cooperation with Bureau of the Census, U.S. Dept. of Commerce. Production for 1946 and 1948 collected by U.S. Forest Service.

Production statistics for 1944 and 1947 not available.

1/ Western redcedar.
2/ Nearly all western hemlock; small volume of lodgepole pine.

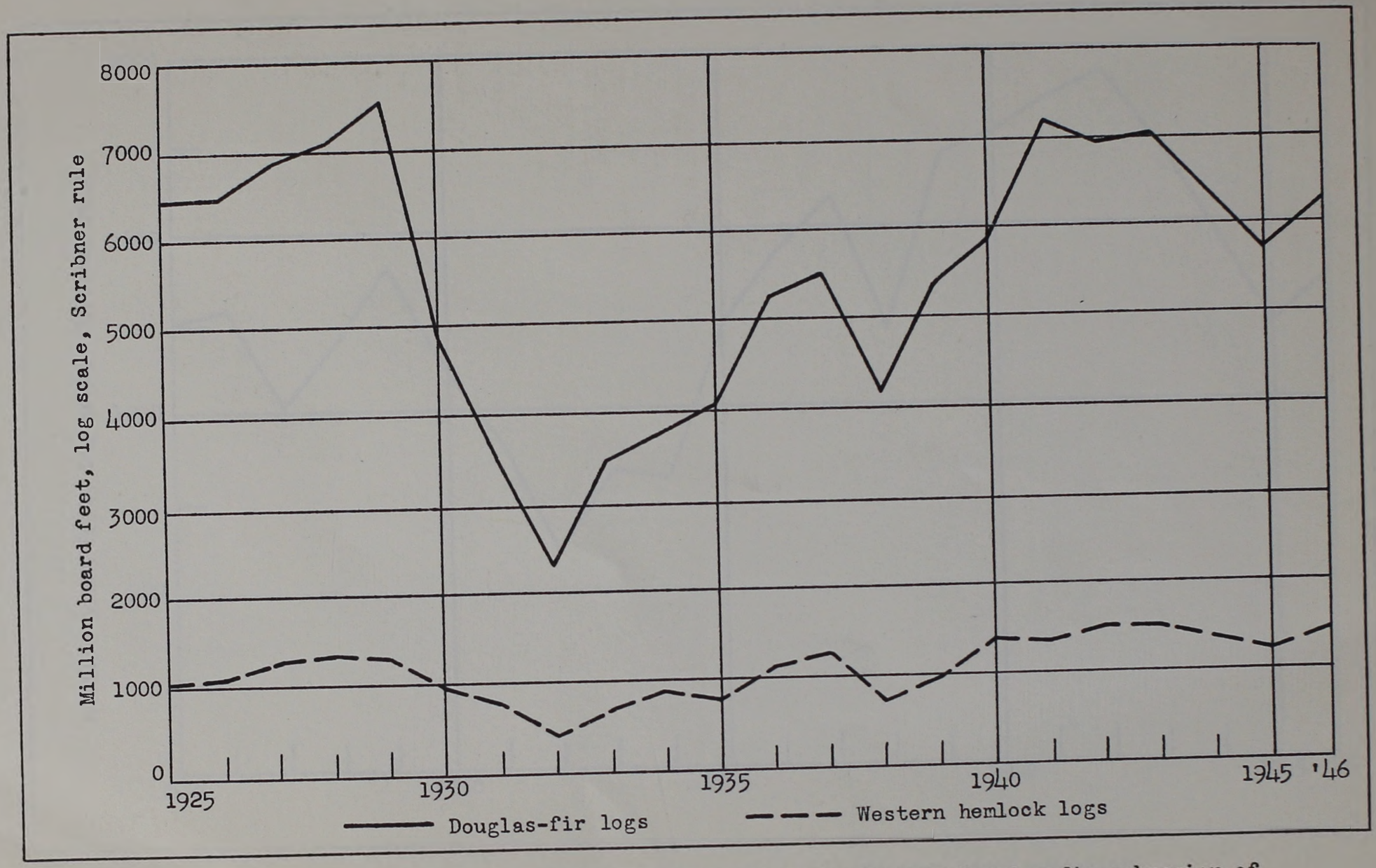

Figure 2.--Production of logs from Douglas-fir and western hemlock in Douglas-fir subregion of western Oregon and western Washington, 1925-46.

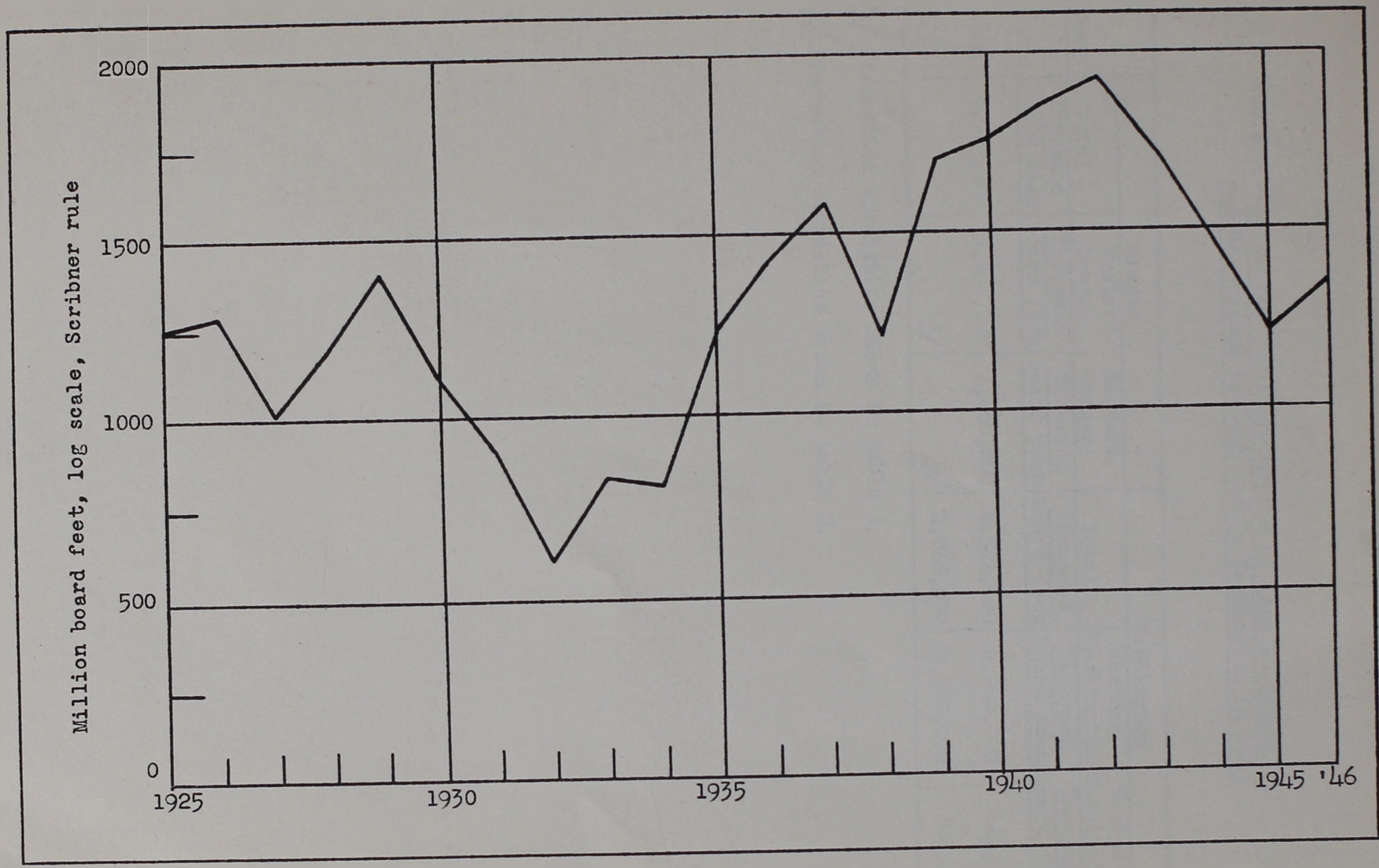

Figure 3.--Production of logs from ponderosa pine in ponderosa pine subregion of eastern Oregon and eastern Washington, 1925-46.

Table 9.--Estimated total production of logs in Oregon and Washington in 1944 and in Washington in 1947

Year	Oregon			Washington		
	Total	Western Oregon	Eastern Oregon	Total	Western Washington	Eastern Washington
	Thousand board feet	Thousand board feet	Thousand board feet	Thousand board feet	Thousand board feet	Thousand board feet
1944	6,929,000	5,461,000	1,468,000	4,524,000	4,040,000	484,000
1947		1/	2/	4,068,000	3,580,000	488,000

1/ Production statistics shown in table 1.

2/ Production statistics shown in table 2.

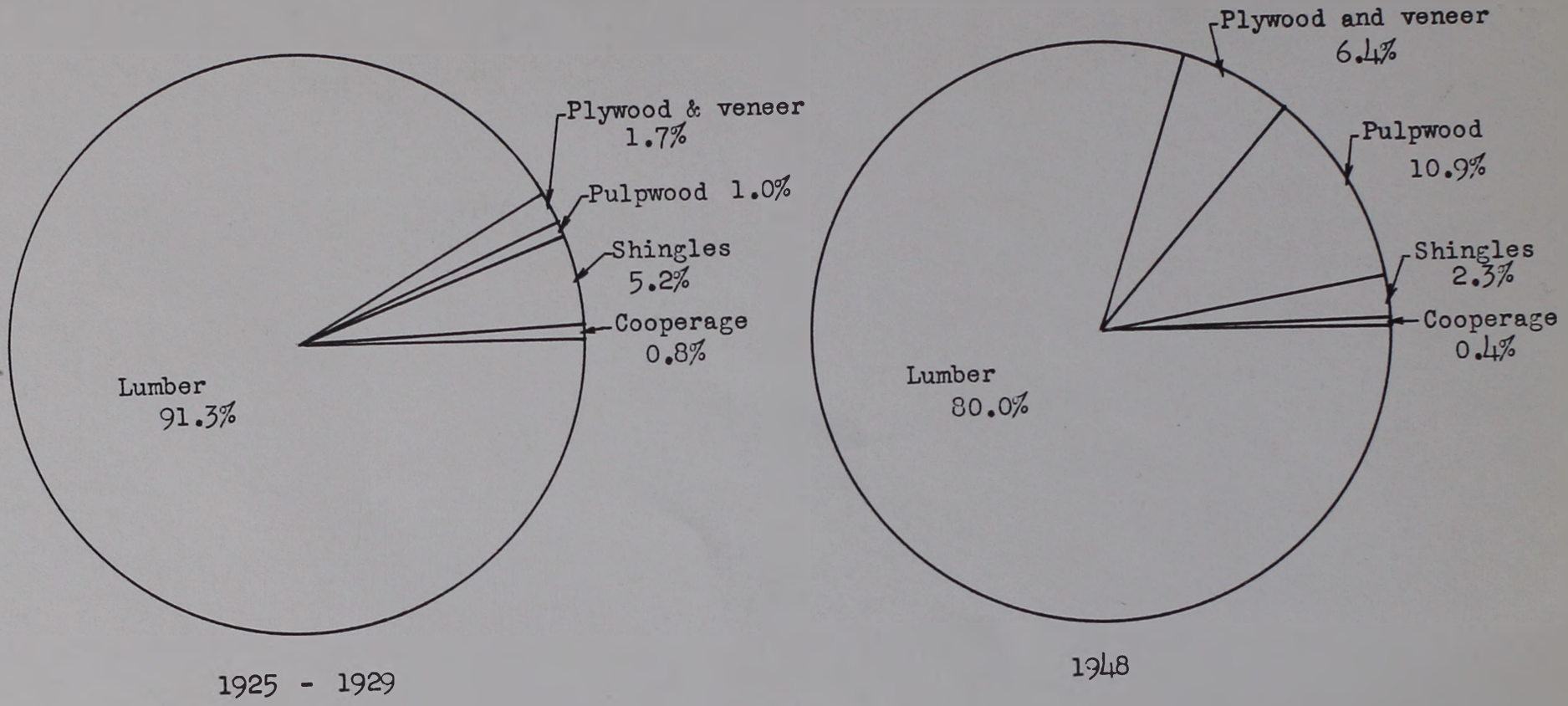

Figure 4.--Comparison of average annual consumption of logs in the manufacture of major forest products in Oregon and Washington during period 1925-29 with consumption in 1948